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# NORTH DAKOTA LABOR MARKET ADVISOR

September 1984
Vol. 3, No. 9

## U.S. CONSUMER PRICE INDEX
(1967 = 100) ALL URBAN CONSUMERS

| | Annual Average 1983 | Sept. 1984 | August 1984 | Sept. 1983 | Percent Change from August 1984 | Percent Change from Sept. 1983 | Percent Change Projected on Annual Basis |
|---|---|---|---|---|---|---|---|
| All Items | 298.4 | 314.5 | 313.0 | 301.8 | 0.5 | 4.2 | 6.2 |
| Food & Beverage | 284.4 | 296.4 | 296.9 | 285.3 | −0.2 | 3.9 | −2.4 |
| Housing | 323.1 | 341.4 | 339.5 | 326.4 | 0.6 | 4.6 | 7.4 |
| Apparel and Upkeep | 196.5 | 204.2 | 200.1 | 200.4 | 2.0 | 1.9 | 26.8 |
| Transportation | 293.4 | 313.7 | 312.9 | 303.7 | 0.3 | 3.3 | 3.7 |
| Medical Care | 357.3 | 383.1 | 381.9 | 361.2 | 0.3 | 6.1 | 3.7 |
| Entertainment | 246.3 | 257.3 | 256.4 | 247.5 | 0.4 | 4.0 | 4.9 |

## PRODUCER PRICE INDEX
(1967 = 100) UNITED STATES AVERAGE

| | Annual Average 1983 | September 1984 | August 1984 | September 1983 | Percent Change from August 1984 | Percent Change from September 1983 |
|---|---|---|---|---|---|---|
| All Commodities | 303.1 | 309.5 | 310.9 | 305.3 | −0.5 | 1.4 |
| Farm Products and Processed Foods and Feeds | 253.9 | 259.6 | 261.6 | 259.1 | −0.8 | 0.2 |
| Industrial Commodities | 315.8 | 322.3 | 323.5 | 317.1 | −0.4 | 1.6 |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sept. 1984 | August 1984 | Sept. 1983 | Sept. 1984 | August 1984 | Sept. 1983 | Sept. 1984 | August 1984 | Sept. 1983 |
| **United States** | | | | | | | | | |
| Manufacturing | 375.25 | 369.26 | 362.71 | 40.7 | 40.4 | 40.8 | 9.22 | 9.14 | 8.89 |
| Durable | 404.48 | 395.91 | 390.70 | 41.4 | 40.9 | 41.3 | 9.77 | 9.68 | 9.46 |
| Nondurable | 333.83 | 331.45 | 325.21 | 39.6 | 39.6 | 40.1 | 8.43 | 8.37 | 8.11 |
| **North Dakota** | | | | | | | | | |
| Manufacturing | 311.26 | 305.34 | 293.74 | 39.4 | 38.7 | 38.0 | 7.90 | 7.89 | 7.73 |
| Durable | 333.34 | 328.03 | 315.58 | 40.8 | 40.2 | 39.3 | 8.17 | 8.16 | 8.03 |
| Nondurable | 295.68 | 288.39 | 277.50 | 38.4 | 37.6 | 37.0 | 7.70 | 7.67 | 7.50 |
| **Fargo-Moorhead MSA** | | | | | | | | | |
| Manufacturing | 321.60 | 322.70 | 312.73 | 38.7 | 38.6 | 38.8 | 8.31 | 8.36 | 8.06 |
| Durable | 328.20 | 328.94 | 327.32 | 39.4 | 39.3 | 39.2 | 8.33 | 8.37 | 8.35 |
| Nondurable | 317.06 | 318.14 | 303.00 | 38.2 | 38.1 | 38.5 | 8.30 | 8.35 | 7.87 |

## LABOR FORCE

| | September 1984 | August 1984 | September 1983 | Percent Change from August 1984 | Percent Change from September 1983 |
|---|---|---|---|---|---|
| **UNITED STATES (In Thousands)** | | | | | |
| Labor Force | 115,419 | 115,207 | 113,924 | 0.2 | 1.3 |
| Employment | 106,959 | 106,681 | 103,571 | 0.3 | 3.3 |
| Unemployment | 8,460 | 8,526 | 10,353 | −0.8 | −18.3 |
| Unemployment Rate 1/ | 7.3% | 7.4% | 9.1% | — | — |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 331,620 | 349,680 | 328,350 | −5.2 | 1.0 |
| Employment | 318,490 | 335,720 | 315,690 | −5.1 | 0.9 |
| Unemployment | 13,130 | 13,960 | 12,660 | −5.9 | 3.7 |
| Unemployment Rate 1/ | 4.0% | 4.0% | 3.9% | — | — |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 74,250 | 74,200 | 73,520 | 0.1 | 1.0 |
| Employment | 72,210 | 71,820 | 71,150 | 0.5 | 1.5 |
| Unemployment | 2,040 | 2,380 | 2,370 | −14.3 | −13.9 |
| Unemployment Rate 1/ | 2.7% | 3.2% | 3.2% | — | — |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 29,450 | 30,040 | 26,910 | −2.0 | 9.4 |
| Employment | 28,630 | 29,000 | 26,080 | −1.3 | 9.8 |
| Unemployment | 820 | 1,040 | 830 | −21.2 | −1.2 |
| Unemployment Rate 1/ | 2.8% | 3.5% | 3.1% | — | — |
| **BISMARCK MSA** | | | | | |
| Labor Force | 41,480 | 42,830 | 39,910 | −3.2 | 3.9 |
| Employment | 39,110 | 40,440 | 38,140 | −3.3 | 2.5 |
| Unemployment | 2,370 | 2,390 | 1,770 | −0.8 | 33.9 |
| Unemployment Rate 1/ | 5.7% | 5.6% | 4.4% | — | — |

U.S. data seasonally adjusted; other data not seasonally adjusted.

The Fargo-Moorhead MSA includes Cass and Clay counties; the Grand Forks MSA includes Grand Forks county; and the Bismarck MSA includes Burleigh and Morton counties.

1/ Based on unrounded data.

## NORTH DAKOTA EMPLOYMENT BY INDUSTRY

| | September 1984 | August 1984 | September 1983 |
|---|---|---|---|
| Nonagricultural Wage and Salary Employment | 255,150 | 251,400 | 254,030 |
| Mining | 8,210 | 8,370 | 6,880 |
| Crude Petroleum and Natural Gas | 6,390 | 6,500 | 5,170 |
| Other Mining | 1,820 | 1,870 | 1,710 |
| Construction | 17,240 | 17,560 | 20,920 |
| Manufacturing | 15,940 | 15,340 | 15,540 |
| Durable Goods | 6,560 | 6,650 | 6,530 |
| Nondurable Goods | 9,380 | 8,690 | 9,010 |
| Transportation, Communication, and Public Utilities | 16,440 | 16,330 | 16,590 |
| Trade | 66,640 | 66,750 | 66,340 |
| Wholesale | 20,080 | 20,090 | 20,340 |
| Retail | 46,560 | 46,660 | 46,000 |
| Finance, Insurance, and Real Estate | 12,080 | 12,190 | 11,910 |
| Services | 57,410 | 56,940 | 56,230 |
| Government | 61,190 | 57,920 | 59,620 |
| Federal | 9,790 | 9,810 | 9,960 |
| State | 18,010 | 16,750 | 16,960 |
| Local | 33,390 | 31,360 | 33,100 |

## LABOR FORCE
by County, by Region
September 1984

| | | 1980 Population | Labor Force | Employment | Unemployment Number | Unemployment Rate |
|---|---|---|---|---|---|---|
| 1 | Divide | 3,494 | 1,857 | 1,803 | 54 | 2.9% |
| | McKenzie | 7,132 | 3,962 | 3,823 | 139 | 3.5% |
| | Williams | 22,237 | 13,123 | 12,712 | 411 | 3.1% |
| | REGION 1 TOTAL | 32,863 | 18,942 | 18,338 | 604 | 3.2% |
| 2 | Bottineau | 9,338 | 4,418 | 4,303 | 115 | 2.6% |
| | Burke | 3,822 | 2,158 | 2,058 | 100 | 4.6% |
| | McHenry | 7,858 | 3,581 | 3,331 | 250 | 7.0% |
| | Mountrail | 7,679 | 3,775 | 3,560 | 215 | 5.7% |
| | Pierce | 6,166 | 3,270 | 3,182 | 88 | 2.7% |
| | Renville | 3,608 | 1,744 | 1,682 | 62 | 3.6% |
| | Ward | 58,392 | 25,215 | 24,119 | 1,096 | 4.3% |
| | REGION 2 TOTAL | 96,863 | 44,161 | 42,235 | 1,926 | 4.4% |
| 3 | Benson | 7,944 | 3,401 | 3,142 | 259 | 7.6% |
| | Cavalier | 7,636 | 3,761 | 3,623 | 138 | 3.7% |
| | Eddy | 3,554 | 1,841 | 1,775 | 66 | 3.6% |
| | Ramsey | 13,048 | 6,755 | 6,498 | 257 | 3.8% |
| | Rolette | 12,177 | 5,292 | 4,787 | 505 | 9.5% |
| | Towner | 4,052 | 2,437 | 2,394 | 43 | 1.8% |
| | REGION 3 TOTAL | 48,411 | 23,487 | 22,219 | 1,268 | 5.4% |
| 4 | Grand Forks | 66,100 | 29,453 | 28,630 | 823 | 2.8% |
| | Nelson | 5,233 | 2,817 | 2,737 | 80 | 2.8% |
| | Pembina | 10,399 | 5,130 | 4,873 | 257 | 5.0% |
| | Walsh | 15,371 | 9,008 | 8,729 | 279 | 3.1% |
| | REGION 4 TOTAL | 97,103 | 46,408 | 44,969 | 1,439 | 3.1% |
| 5 | Cass | 88,247 | 46,824 | 45,681 | 1,143 | 2.4% |
| | Ransom | 6,698 | 3,138 | 3,051 | 87 | 2.8% |
| | Richland | 19,207 | 9,552 | 9,281 | 271 | 2.8% |
| | Sargent | 5,512 | 2,709 | 2,634 | 75 | 2.8% |
| | Steele | 3,106 | 1,552 | 1,521 | 31 | 2.0% |
| | Traill | 9,624 | 4,951 | 4,798 | 153 | 3.1% |
| | REGION 5 TOTAL | 132,394 | 68,726 | 66,966 | 1,760 | 2.6% |
| 6 | Barnes | 13,960 | 6,292 | 6,045 | 247 | 3.9% |
| | Dickey | 7,207 | 3,721 | 3,650 | 71 | 1.9% |
| | Foster | 4,611 | 2,202 | 2,132 | 70 | 3.2% |
| | Griggs | 3,714 | 1,857 | 1,820 | 37 | 2.0% |
| | LaMoure | 6,473 | 2,827 | 2,783 | 44 | 1.6% |
| | Logan | 3,493 | 1,633 | 1,607 | 26 | 1.6% |
| | McIntosh | 4,800 | 2,550 | 2,509 | 41 | 1.6% |
| | Stutsman | 24,154 | 12,090 | 11,670 | 420 | 3.5% |
| | Wells | 6,979 | 3,547 | 3,443 | 104 | 2.9% |
| | REGION 6 TOTAL | 75,391 | 36,719 | 35,659 | 1,060 | 2.9% |
| 7 | Burleigh | 54,811 | 28,386 | 26,870 | 1,516 | 5.3% |
| | Emmons | 5,877 | 2,637 | 2,500 | 137 | 5.2% |
| | Grant | 4,274 | 1,937 | 1,877 | 60 | 3.1% |
| | Kidder | 3,833 | 1,663 | 1,596 | 67 | 4.0% |
| | McLean | 12,288 | 5,938 | 5,461 | 477 | 8.0% |
| | Mercer | 9,378 | 12,262 | 11,640 | 622 | 5.1% |
| | Morton | 25,177 | 13,093 | 12,238 | 855 | 6.5% |
| | Oliver | 2,495 | 1,252 | 1,171 | 81 | 6.5% |
| | Sheridan | 2,819 | 1,362 | 1,341 | 21 | 1.5% |
| | Sioux | 3,620 | 1,383 | 1,288 | 95 | 6.9% |
| | REGION 7 TOTAL | 124,572 | 69,913 | 65,982 | 3,931 | 5.6% |
| 8 | Adams | 3,584 | 2,061 | 2,015 | 46 | 2.2% |
| | Billings | 1,138 | 1,108 | 1,082 | 26 | 2.3% |
| | Bowman | 4,229 | 2,341 | 2,293 | 48 | 2.1% |
| | Dunn | 4,627 | 2,231 | 2,061 | 170 | 7.6% |
| | Golden Valley | 2,391 | 1,334 | 1,247 | 87 | 6.5% |
| | Hettinger | 4,275 | 2,017 | 1,957 | 60 | 3.0% |
| | Slope | 1,157 | 630 | 597 | 33 | 5.2% |
| | Stark | 23,697 | 11,539 | 10,865 | 674 | 5.8% |
| | REGION 8 TOTAL | 45,098 | 23,261 | 22,117 | 1,144 | 4.9% |
| STATE TOTAL | | 652,695 | 331,617 | 318,485 | 13,132 | 4.0% |

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## NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

| | September 1984 | August 1984 | September 1983 |
|---|---|---|---|
| **FARGO—MOORHEAD MSA** | | | |
| Total | 63,520 | 61,050 | 62,690 |
| Mining and Construction | 3,260 | 3,340 | 3,410 |
| Manufacturing | 4,870 | 4,790 | 4,760 |
| Transportation, Communication, and Public Utilities | 3,670 | 3,640 | 3,830 |
| Wholesale Trade | 6,660 | 6,750 | 6,590 |
| Retail Trade | 12,360 | 12,180 | 12,250 |
| Finance, Insurance, and Real Estate | 4,050 | 4,060 | 3,880 |
| Services | 15,810 | 15,730 | 15,320 |
| Government | 12,840 | 10,560 | 12,650 |
| **GRAND FORKS MSA** | | | |
| Total | 26,960 | 26,400 | 26,560 |
| Mining and Construction | 1,530 | 1,590 | 1,570 |
| Manufacturing | 1,300 | 1,050 | 1,290 |
| Transportation, Communication, and Public Utilities | 1,600 | 1,550 | 1,630 |
| Wholesale Trade | 1,380 | 1,380 | 1,350 |
| Retail Trade | 6,220 | 6,120 | 6,200 |
| Finance, Insurance, and Real Estate | 990 | 1,000 | 1,020 |
| Services | 5,970 | 6,030 | 6,010 |
| Government | 7,970 | 7,680 | 7,490 |
| **BISMARCK MSA** | | | |
| Total | 36,170 | 35,670 | 35,620 |
| Mining and Construction | 2,410 | 2,380 | 2,520 |
| Manufacturing | 1,940 | 1,950 | 2,010 |
| Transportation, Communication, and Public Utilities | 2,880 | 2,880 | 2,880 |
| Wholesale Trade | 2,470 | 2,500 | 2,470 |
| Retail Trade | 7,470 | 7,380 | 7,050 |
| Finance, Insurance, and Real Estate | 1,660 | 1,670 | 1,700 |
| Services | 9,690 | 9,450 | 9,450 |
| Government | 7,740 | 7,460 | 7,540 |